

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050990.D
 Acq On : 31 Aug 2018 16:04
 Operator : MD\SY
 Sample : J4270-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

Quant Time: Aug 31 23:02:37 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	568366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	933351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	790986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272963	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364788	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.60	113	358447	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1265825	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	12.40	95	343578	37.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.48%	

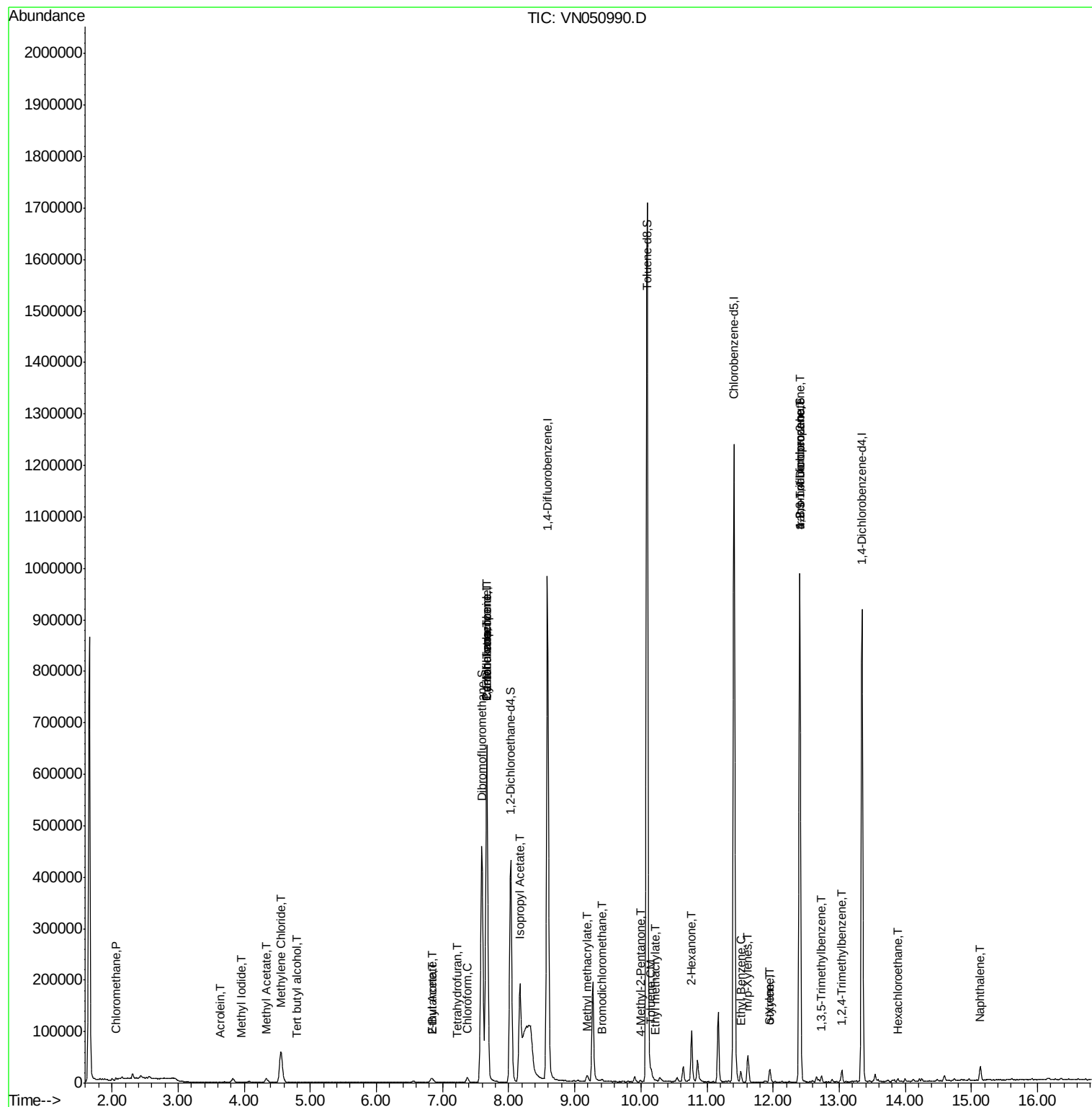
Target Compounds				Qvalue		
3) Chloromethane	2.06	50	2191	0.23	ug/l	98
5) Bromomethane	2.57	94	2341	Below	Cal	96
10) Methyl Iodide	3.96	142	167	6.36	ug/l #	43
11) Tert butyl alcohol	4.81	59	317	0.73	ug/l #	72
13) Acrolein	3.62	56	30	18.02	ug/l #	1
18) Methyl Acetate	4.34	43	13617	2.11	ug/l	92
20) Methylene Chloride	4.56	84	48881	6.34	ug/l	98
25) 2-Butanone	6.84	43	6828	2.48	ug/l #	86
29) Tetrahydrofuran	7.22	42	342	0.22	ug/l #	48
30) Chloroform	7.37	83	10265	0.81	ug/l	99
31) Cyclohexane	7.67	56	9988	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38076	3.46	ug/l #	49
37) Ethyl Acetate	6.84	43	6828	1.08	ug/l #	67
38) Carbon Tetrachloride	7.67	117	49374	4.43	ug/l #	17
43) Isopropyl Acetate	8.17	43	240904	22.15	ug/l	92
47) Bromodichloromethane	9.40	83	2529	0.24	ug/l #	90
48) Methyl methacrylate	9.18	41	7001	1.26	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	1752	0.27	ug/l #	75
52) Toluene	10.16	92	4722	0.24	ug/l	90
56) Ethyl methacrylate	10.23	69	1636	2.51	ug/l #	73
59) 2-Hexanone	10.77	43	15802	3.66	ug/l	65
67) Ethyl Benzene	11.51	91	15891	0.47	ug/l	98
68) m/p-Xylenes	11.62	106	16722	1.31	ug/l	99
69) o-Xylene	11.95	106	5094	0.42	ug/l	89
70) Styrene	11.96	104	2639	1.39	ug/l #	82
76) 1,2,3-Trichloropropane	12.40	75	160621	33.60	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5026	0.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	160621	113.57	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13236	0.72	ug/l	99
90) Hexachloroethane	13.89	117	589	0.36	ug/l #	4
95) Naphthalene	15.13	128	23166	7.29	ug/l #	95

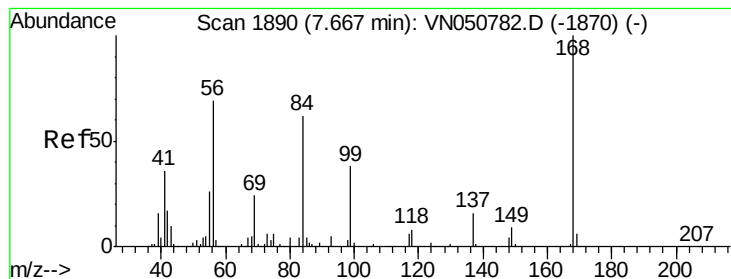
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

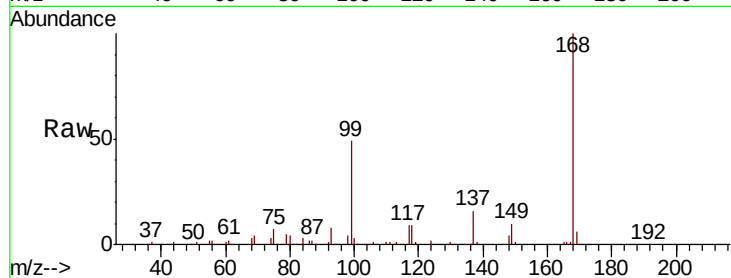
BU-02-083018

Tot Ion:168 Resp: 568366

Ion Ratio Lower Upper

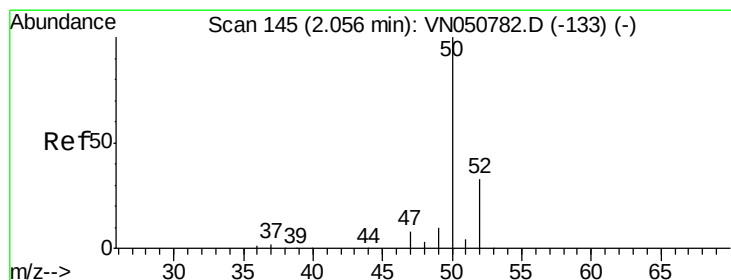
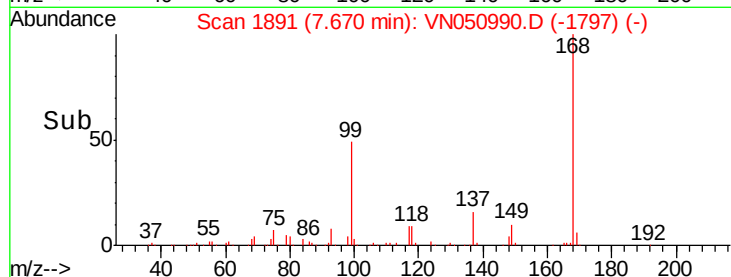
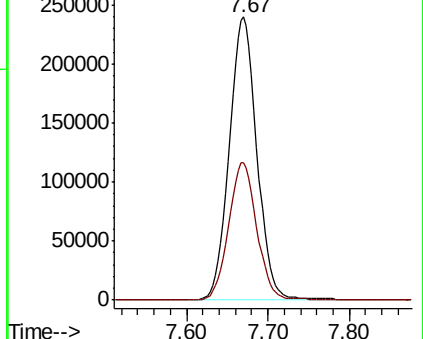
168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050990.D

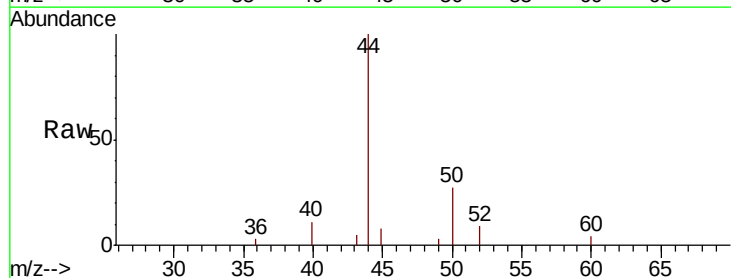
Acq: 31 Aug 2018 16:04

Tgt Ion: 50 Resp: 2191

Ion Ratio Lower Upper

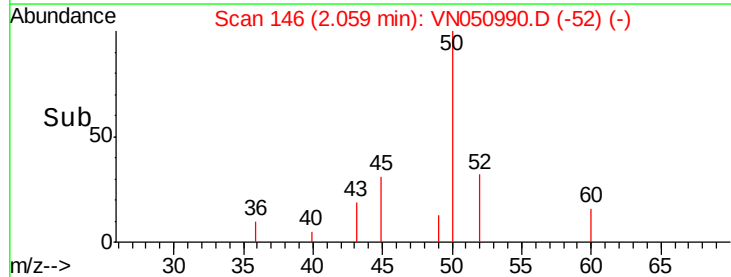
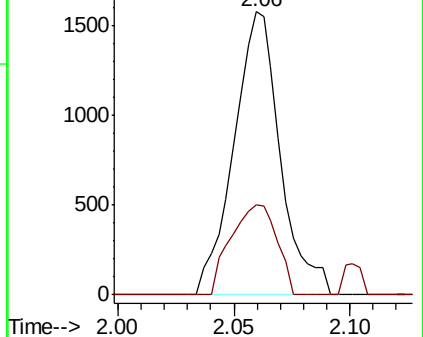
50 100

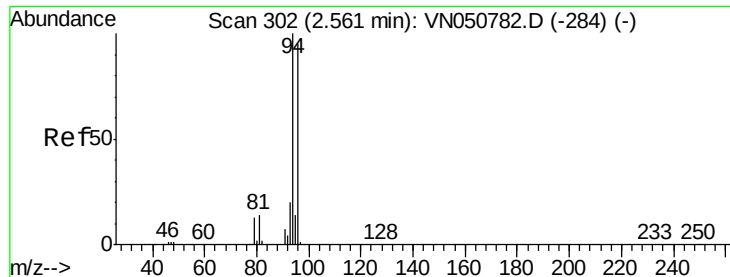
52 31.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

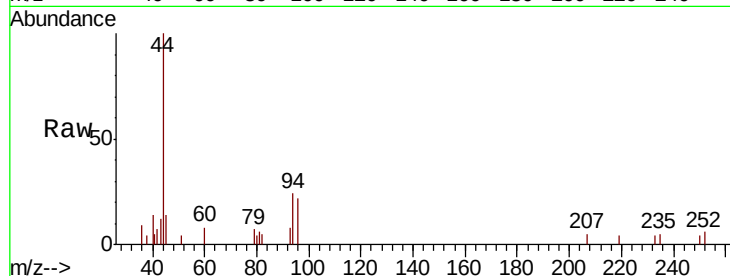
BU-02-083018

Tot Ion: 94 Resp: 2341

Ion Ratio Lower Upper

94 100

96 91.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050990.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050990.D (-209) (-)

2.57

1200

1000

800

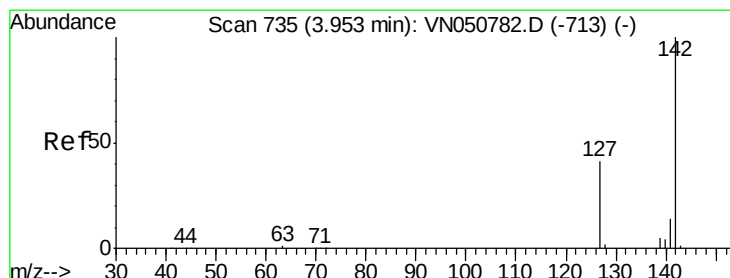
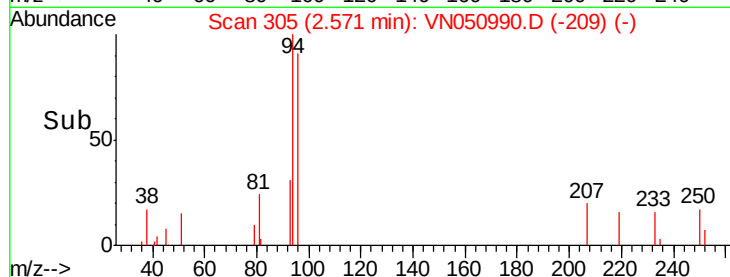
600

400

200

0

Time--> 2.50 2.55 2.60



#10

Methyl Iodide

Concen: 6.36 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

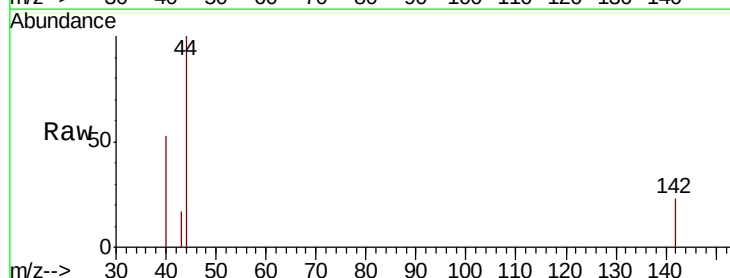
Tgt Ion: 142 Resp: 167

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050990.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050990.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050990.D (-642) (-)

3.96

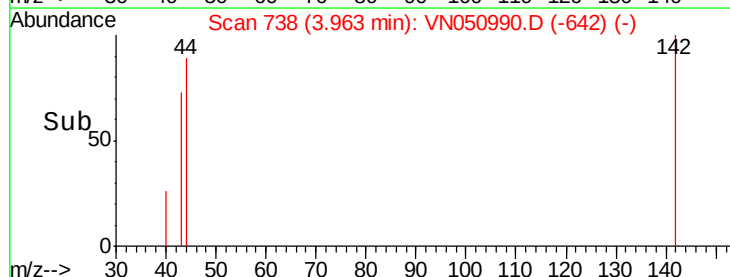
300

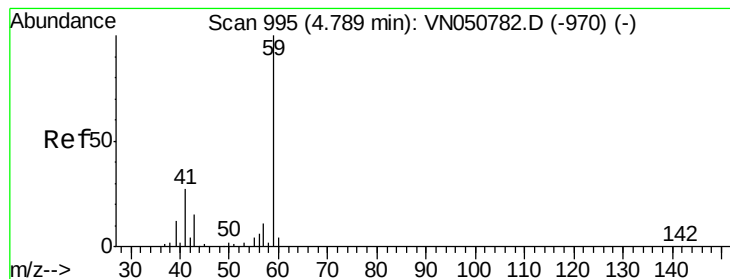
200

100

0

Time--> 3.94 3.95 3.96 3.97 3.98





#11

Tert butyl alcohol

Concen: 0.73 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

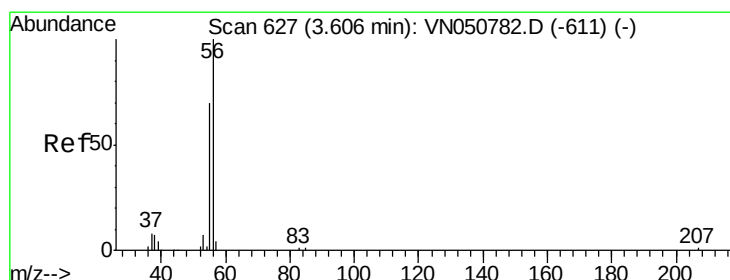
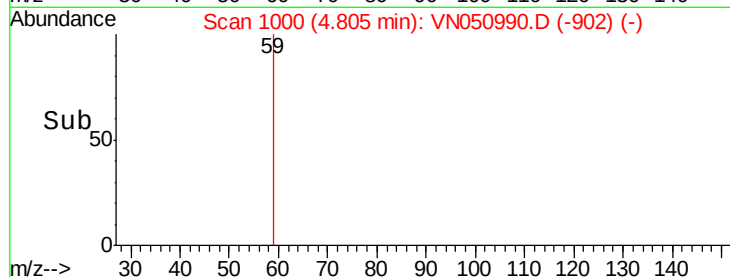
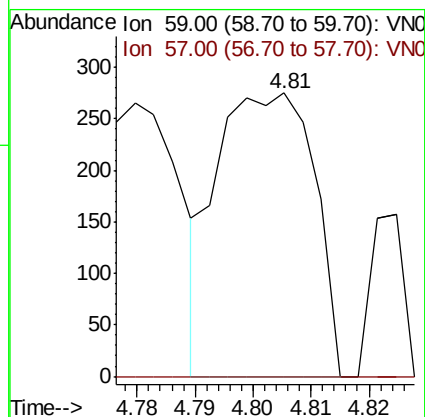
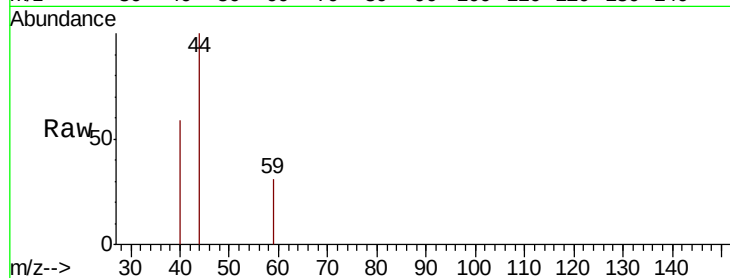
BU-02-083018

Tot Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 18.02 ug/l

RT: 3.62 min Scan# 632

Delta R.T. 0.02 min

Lab File: VN050990.D

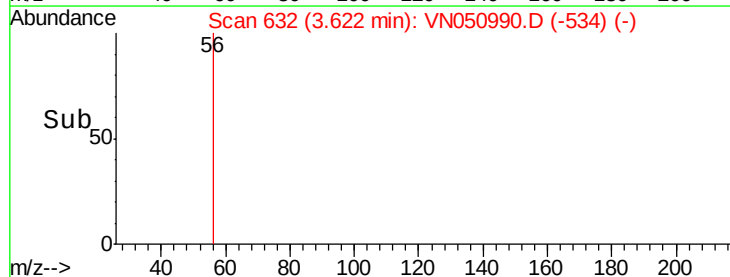
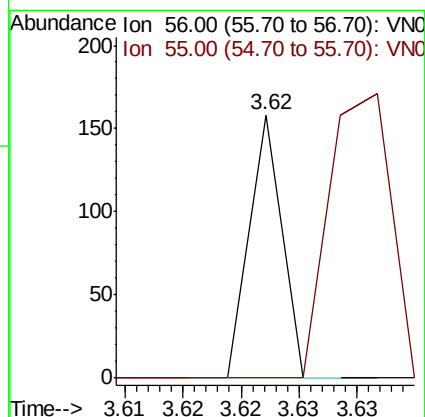
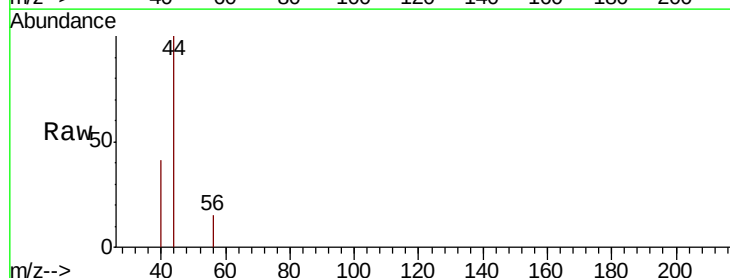
Acq: 31 Aug 2018 16:04

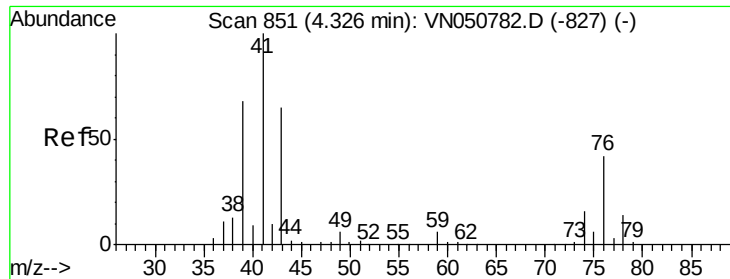
Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 210.0 57.7 86.5#





#18

Methyl Acetate

Concen: 2.11 ug/l

RT: 4.34 min Scan# 856

Delta R.T. 0.02 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

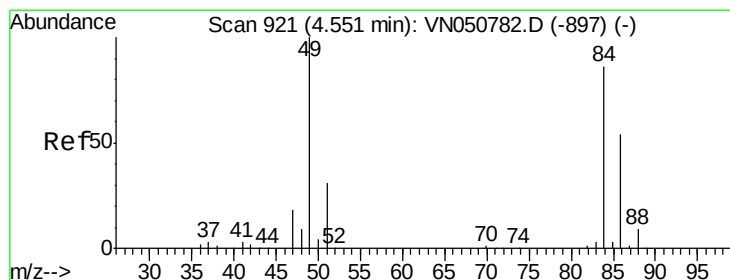
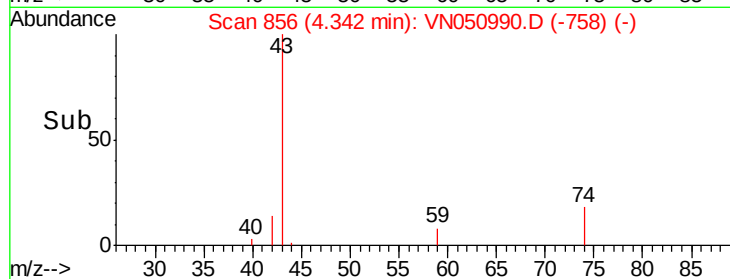
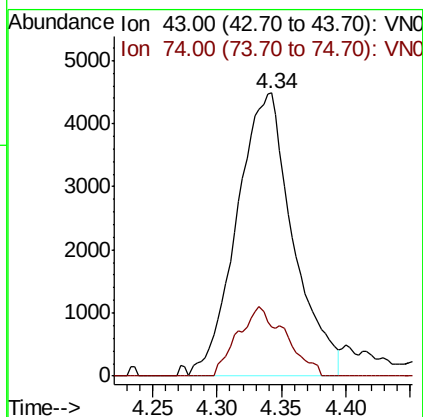
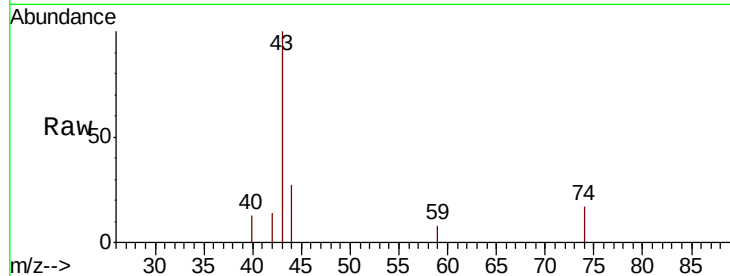
BU-02-083018

Tot Ion: 43 Resp: 13617

Ion Ratio Lower Upper

43 100

74 20.9 19.8 29.8



#20

Methylene Chloride

Concen: 6.34 ug/l

RT: 4.56 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Tgt Ion: 84 Resp: 48881

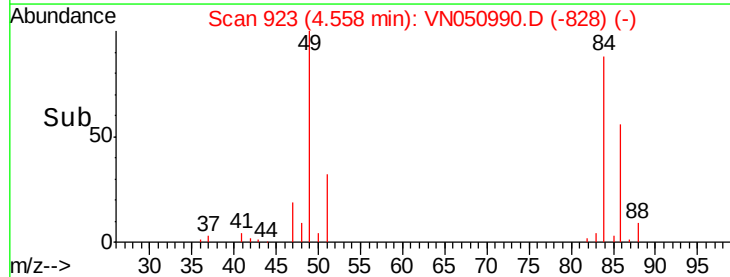
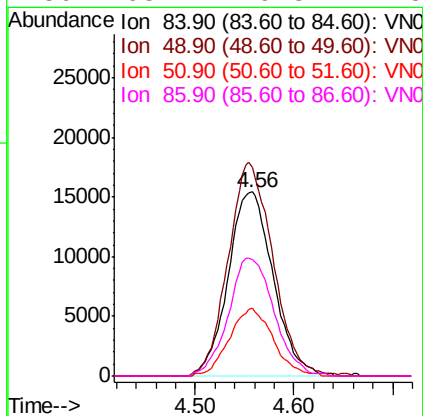
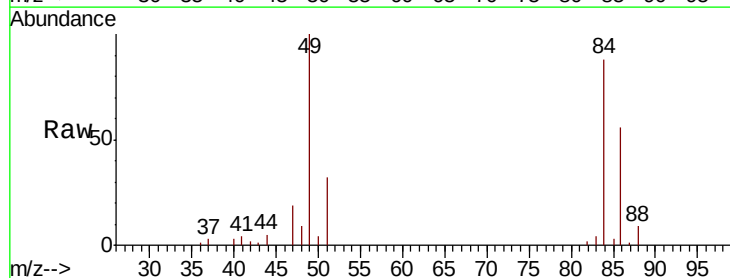
Ion Ratio Lower Upper

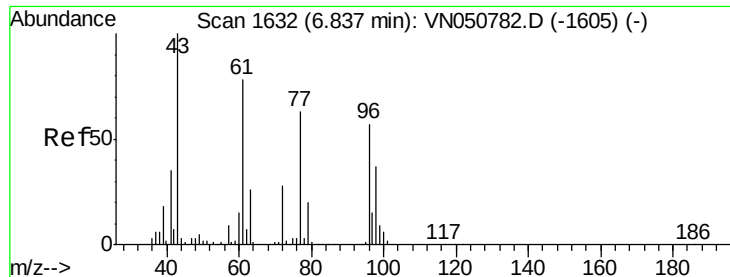
84 100

49 113.5 93.2 139.8

51 36.6 29.0 43.6

86 63.2 49.8 74.8





#25

2-Butanone

Concen: 2.48 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

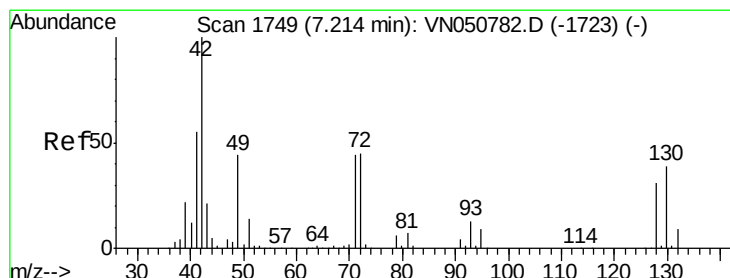
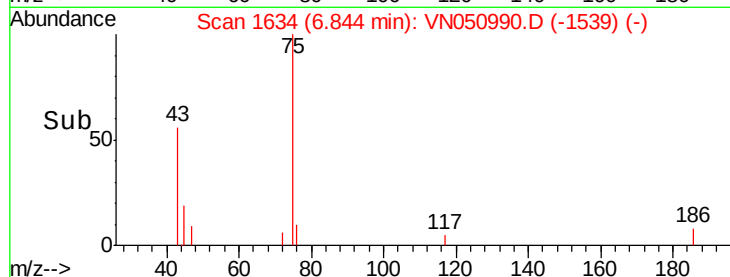
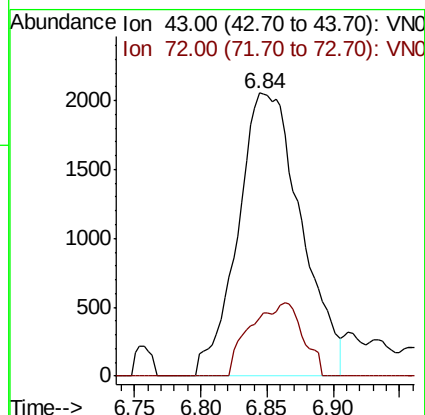
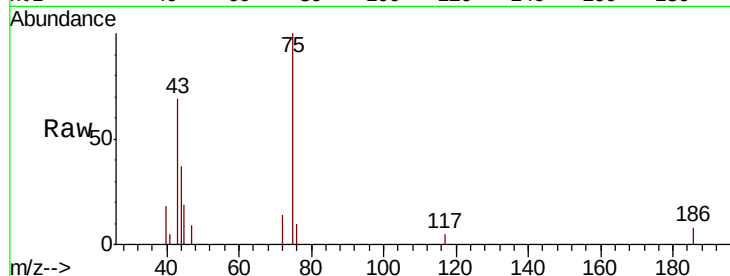
BU-02-083018

Tot Ion: 43 Resp: 6828

Ion Ratio Lower Upper

43 100

72 20.3 22.3 33.5#



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

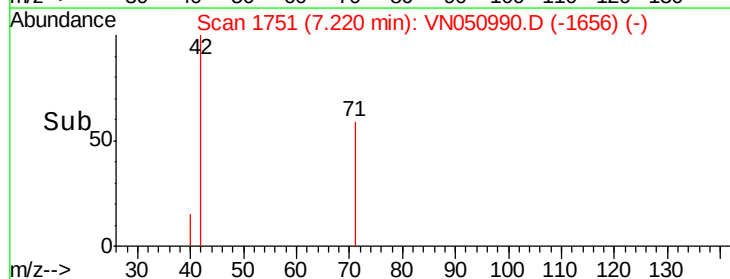
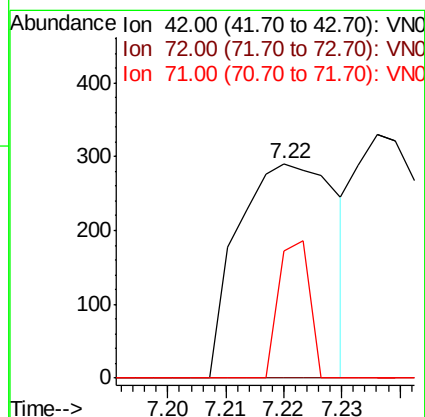
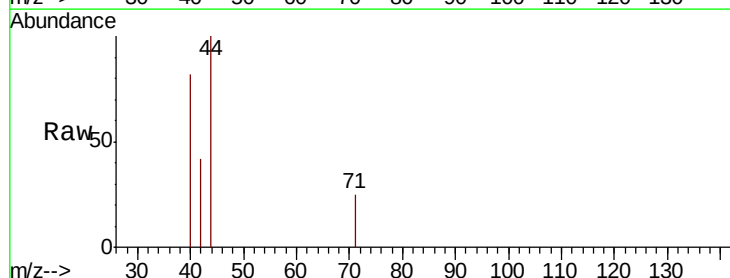
Tgt Ion: 42 Resp: 342

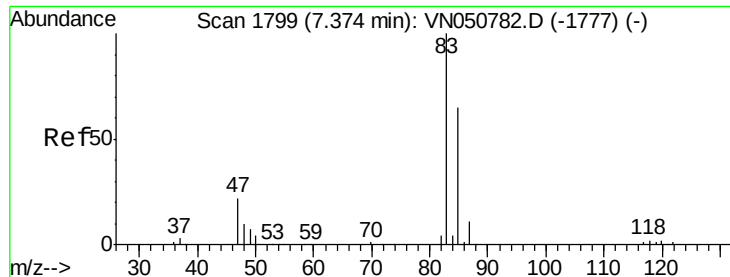
Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 20.2 33.7 50.5#

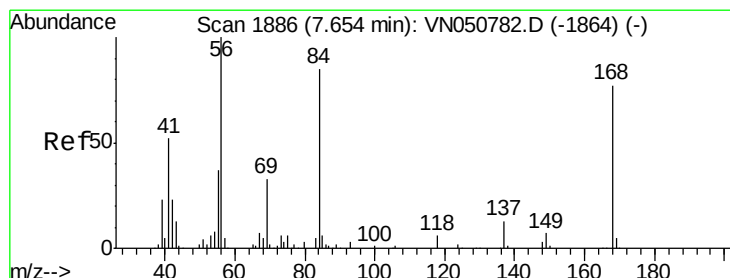
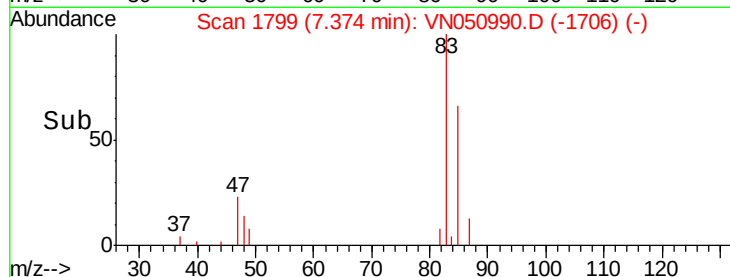
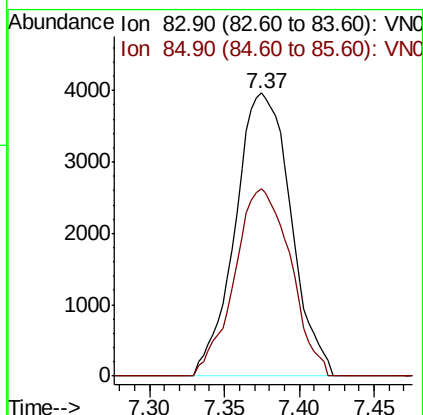
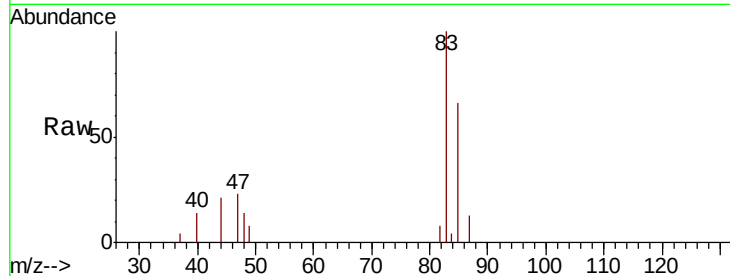




#30
Chloroform
Concen: 0.81 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

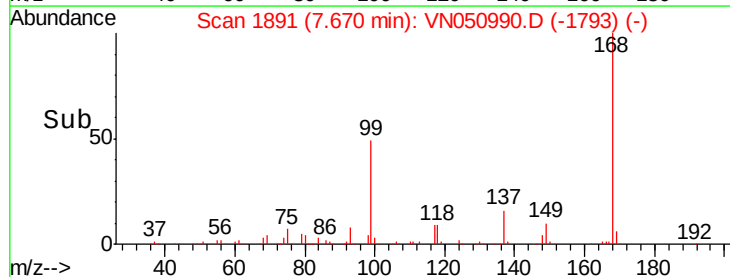
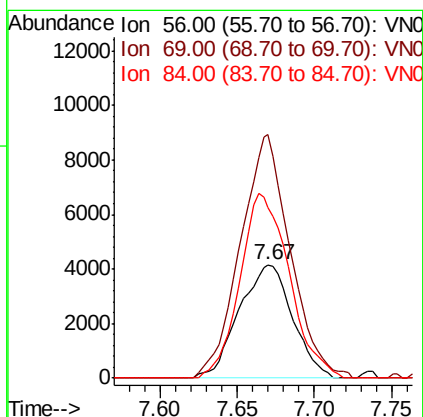
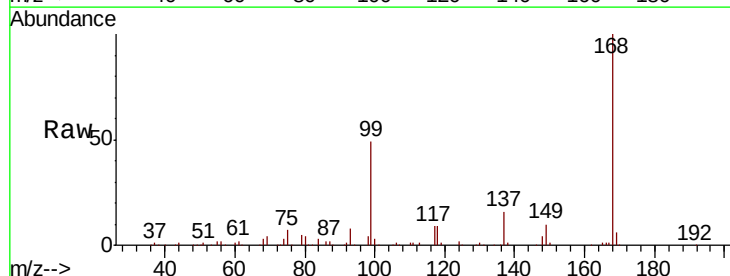
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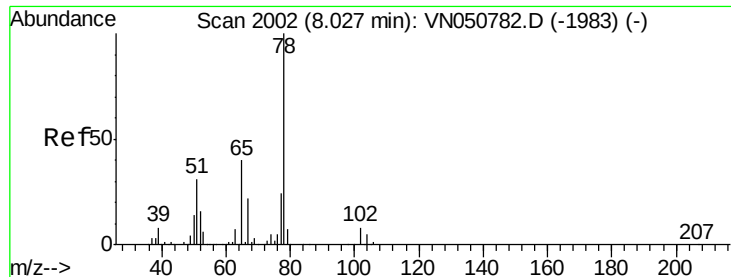
Tot Ion: 83 Resp: 10265
Ion Ratio Lower Upper
83 100
85 66.4 52.2 78.4



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 56 Resp: 9988
Ion Ratio Lower Upper
56 100
69 215.1 26.2 39.4#
84 150.3 68.3 102.5#

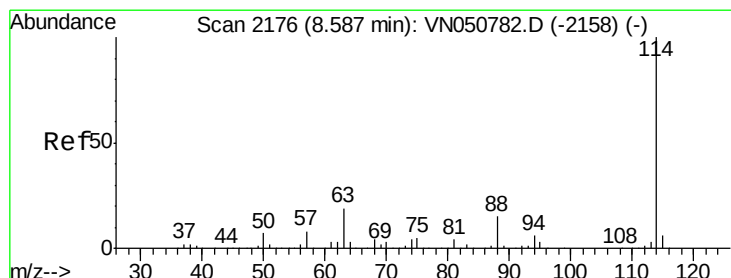
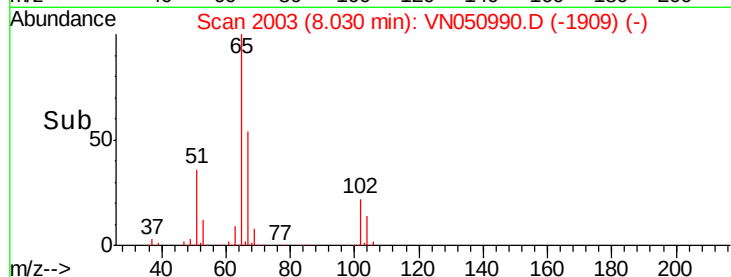
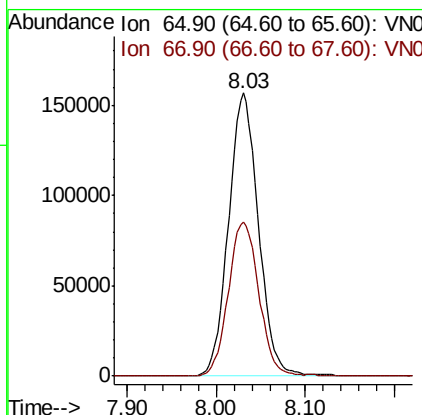
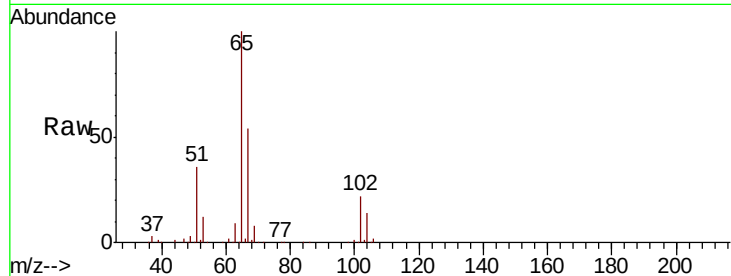




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

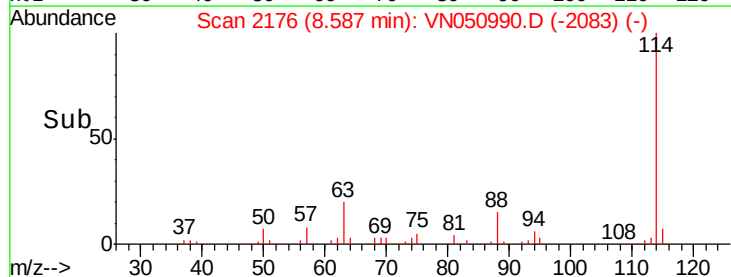
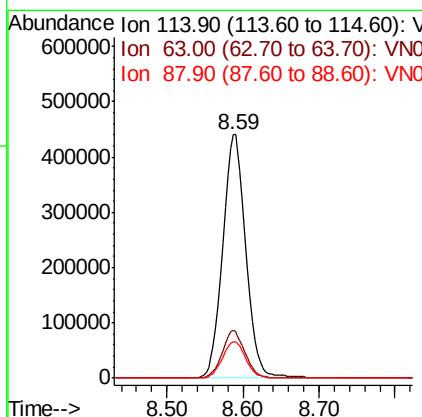
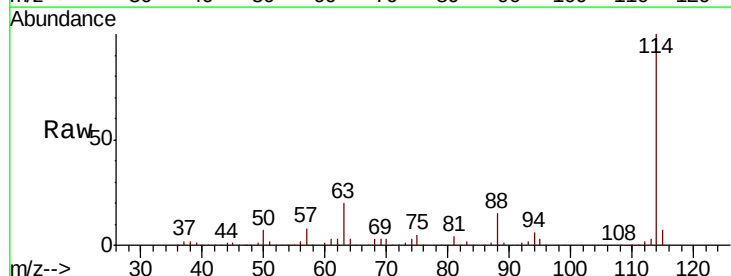
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

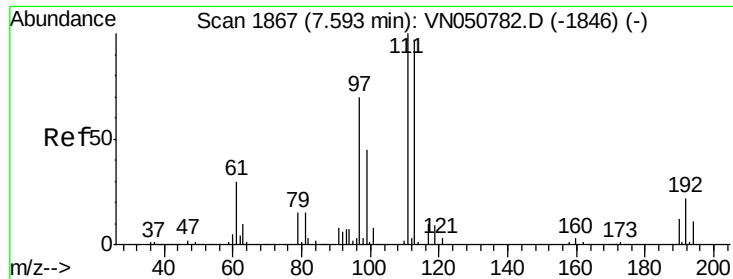
Tot Ion: 65 Resp: 364788
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion: 114 Resp: 933351
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.8 0.0 30.6

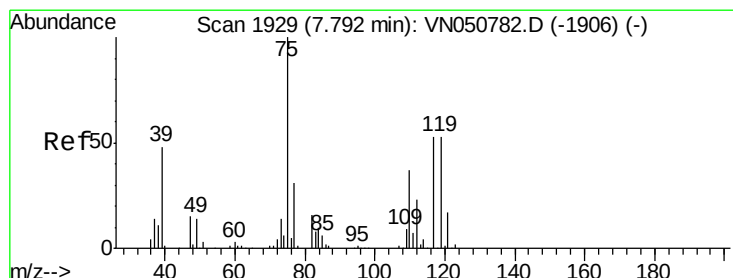
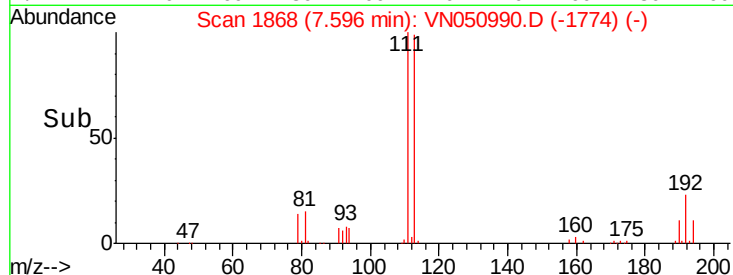
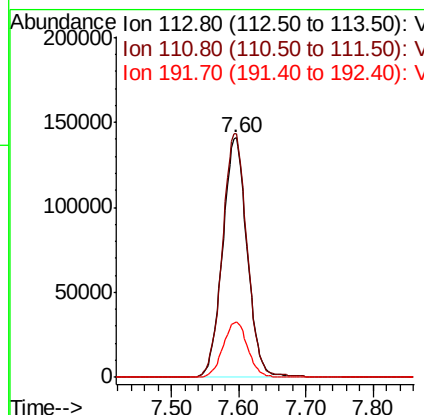
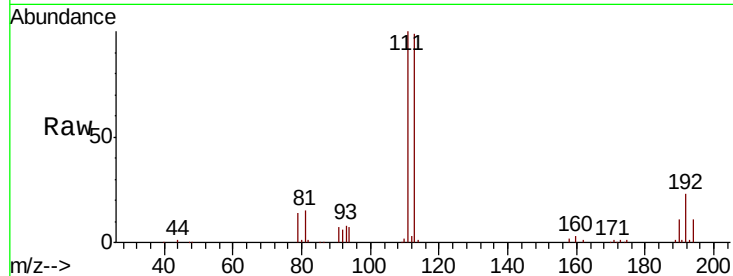




#35
 Dibromofluoromethane
 Concen: 48.27 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

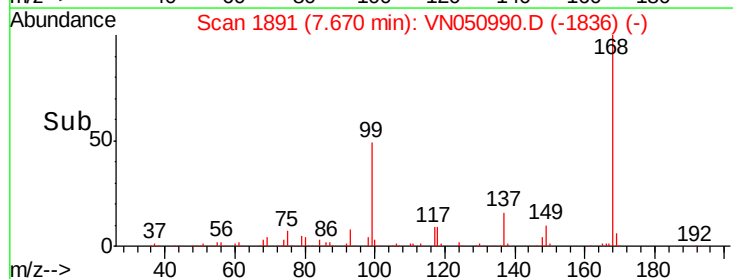
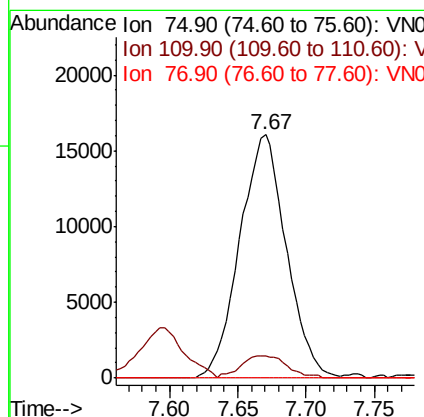
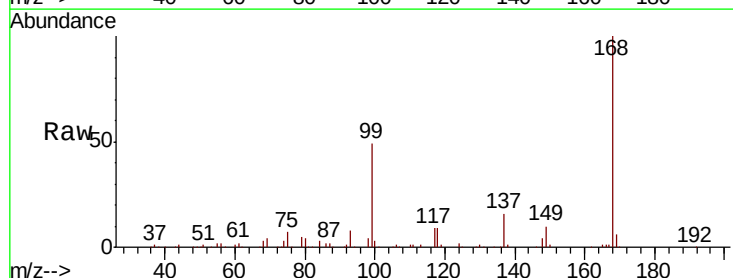
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

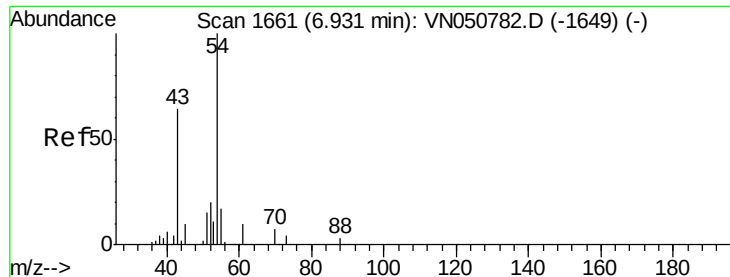
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	23.2	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	24.8	37.2#

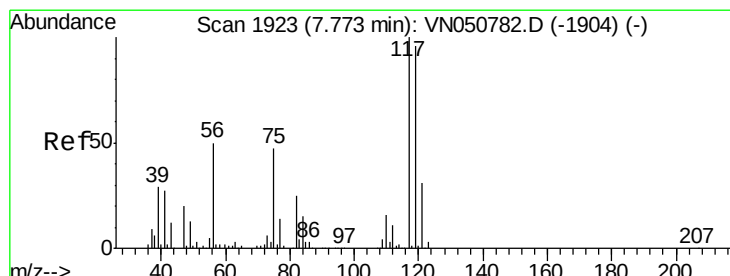
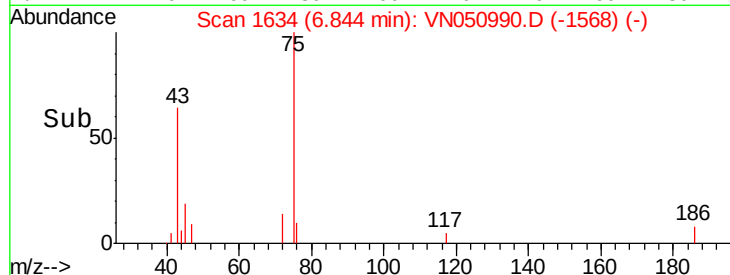
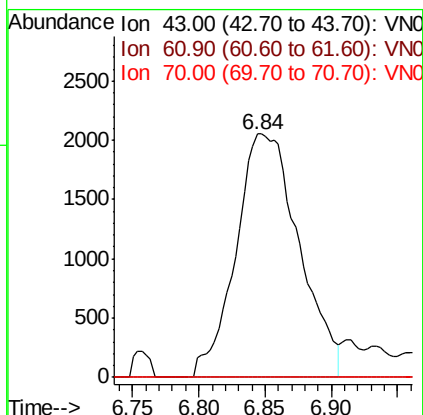
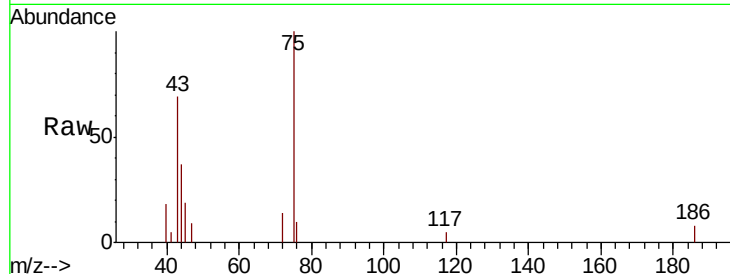




#37
Ethyl Acetate
Concen: 1.08 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

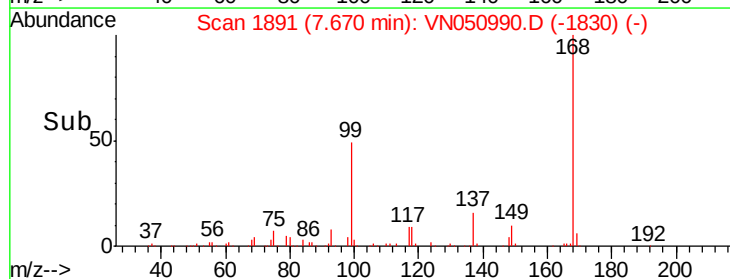
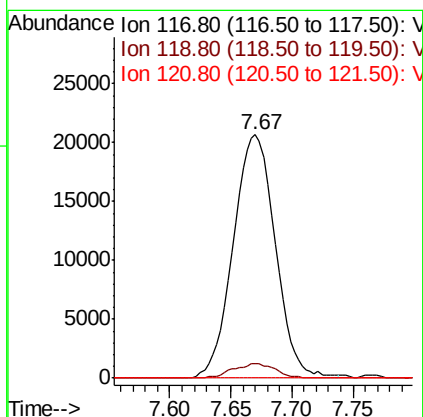
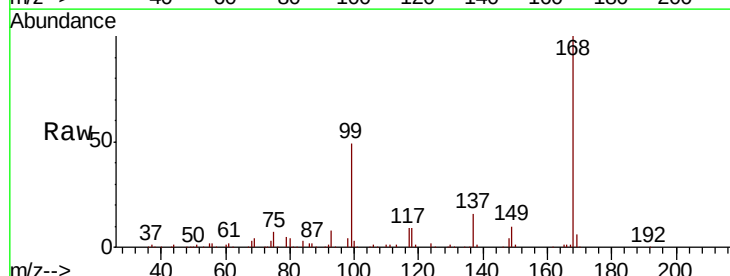
Instrument :
MSVOA_N
ClientSampleId :
BU-02-083018

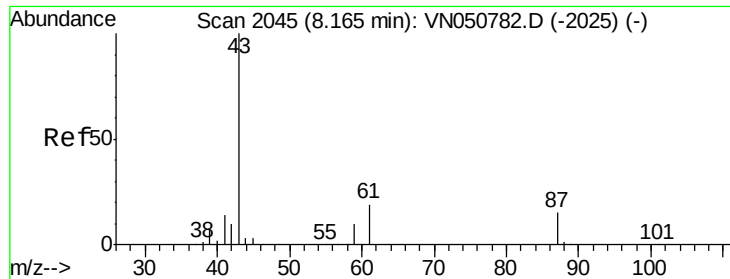
Tot Ion: 43 Resp: 6828
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 4.43 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 117 Resp: 49374
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 22.15 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

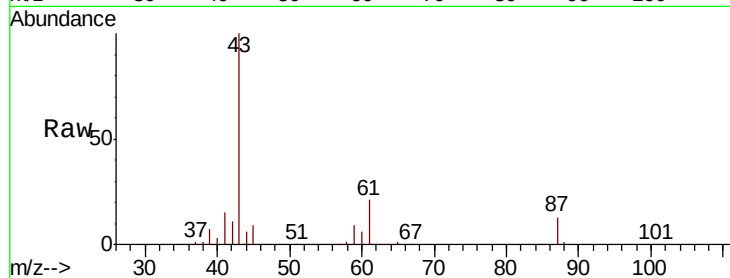
Tot Ion: 43 Resp: 240904

Ion Ratio Lower Upper

43 100

61 17.7 17.5 26.3

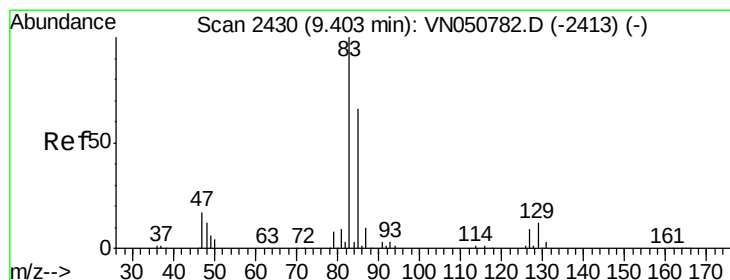
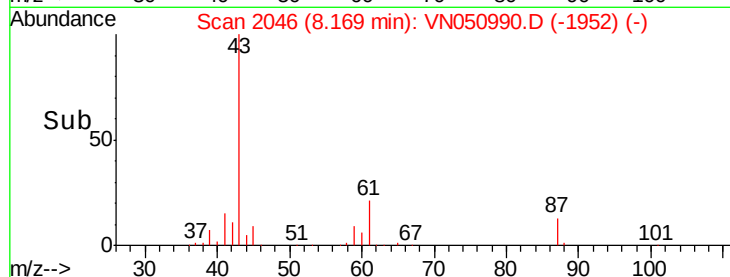
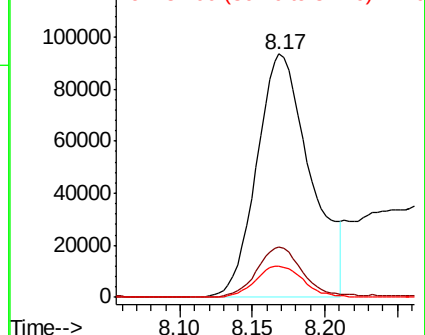
87 11.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

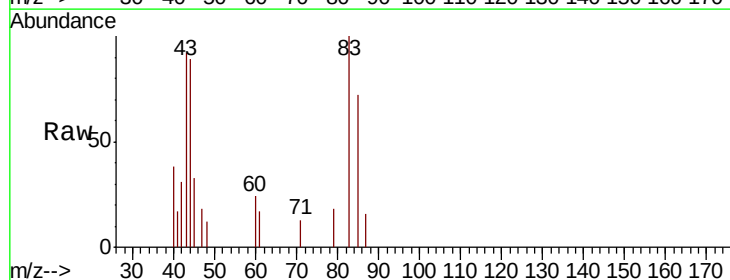
Tgt Ion: 83 Resp: 2529

Ion Ratio Lower Upper

83 100

85 71.9 52.6 78.8

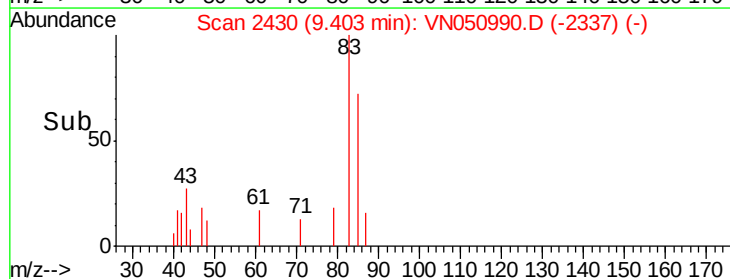
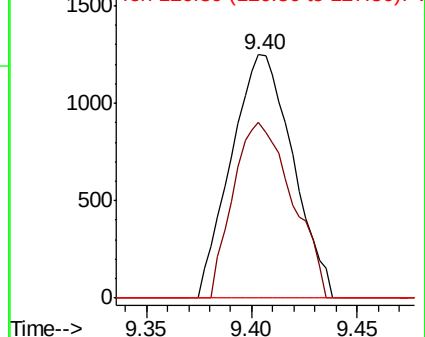
127 0.0 7.2 10.8#

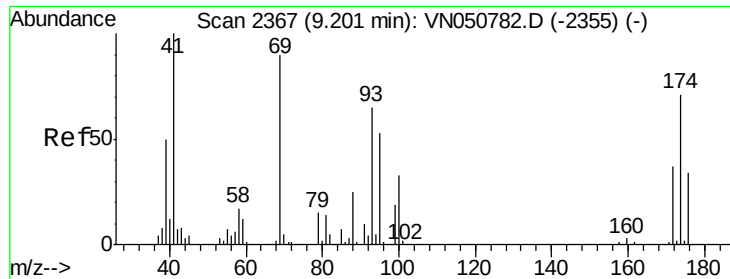


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

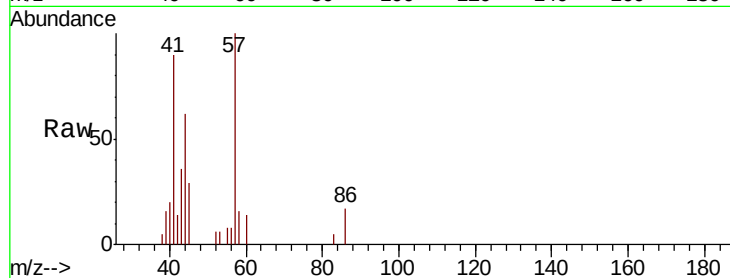




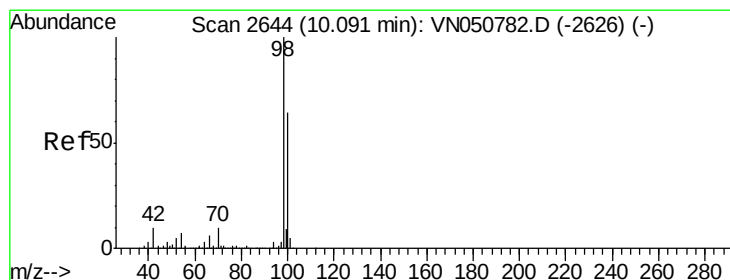
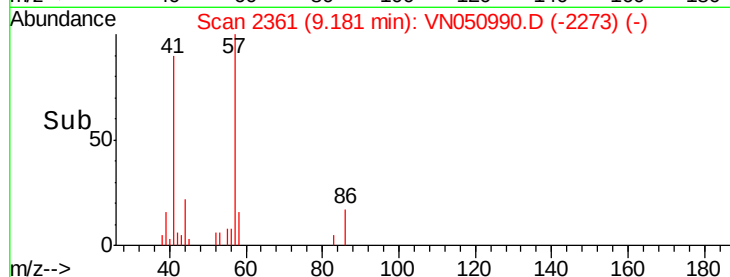
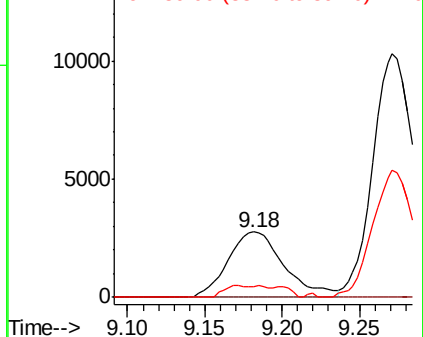
#48
Methvl methacrylate
Concen: 1.26 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

Tot Ion: 41 Resp: 7001
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 7.9 42.2 63.2#

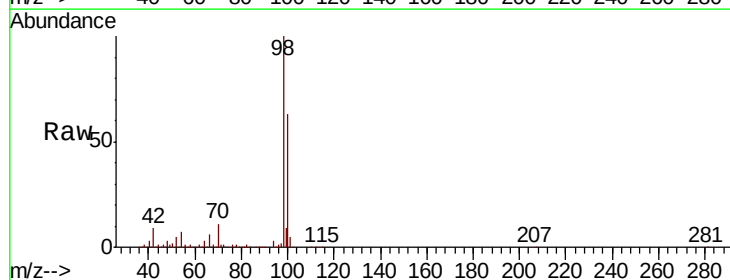


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

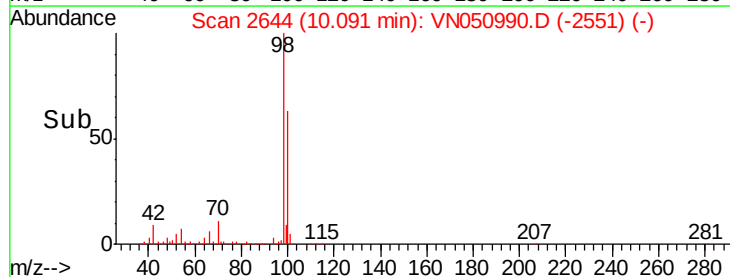
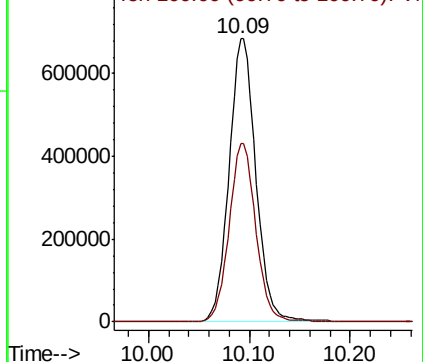


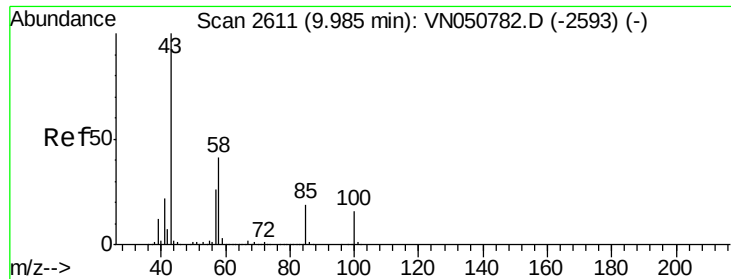
#50
Toluene-d8
Concen: 45.60 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 98 Resp: 1265825
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

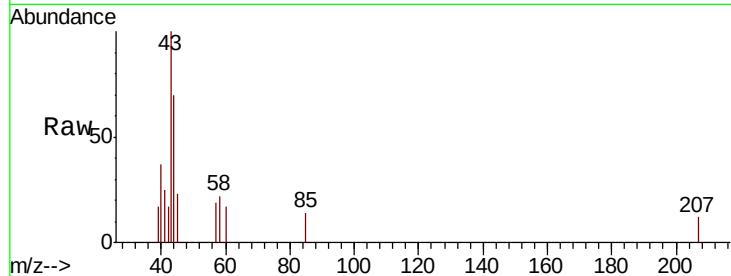
BU-02-083018

Tot Ion: 43 Resp: 1752

Ion Ratio Lower Upper

43 100

58 24.7 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN050782.D (-2593) (-)

9.99

1500

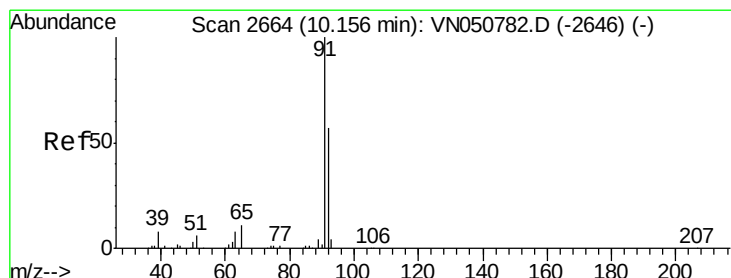
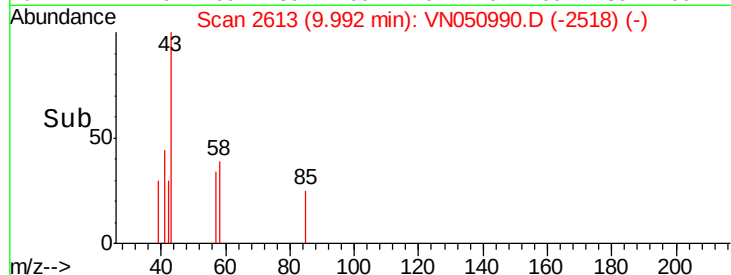
1000

500

0

9.95 10.00

Time-->



#52

Toluene

Concen: 0.24 ug/l

RT: 10.16 min Scan# 2666

Delta R.T. 0.01 min

Lab File: VN050990.D

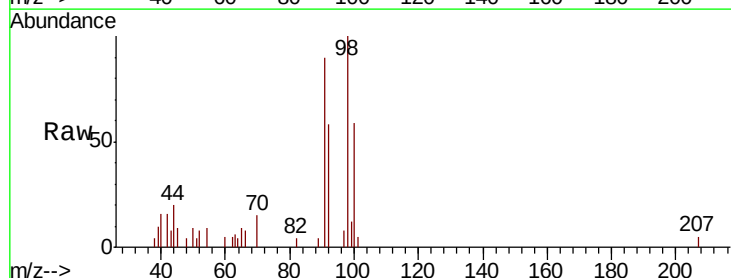
Acq: 31 Aug 2018 16:04

Tgt Ion: 92 Resp: 4722

Ion Ratio Lower Upper

92 100

91 189.3 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN050782.D (-2646) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-2646) (-)

10.16

5000

4000

3000

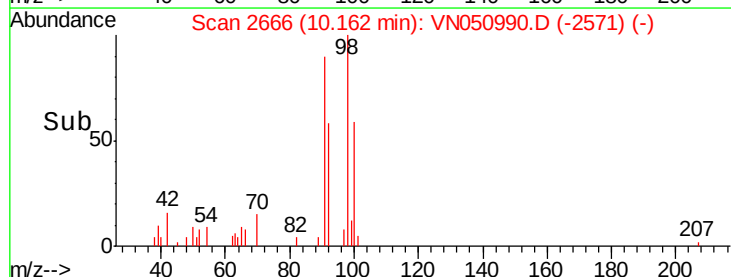
2000

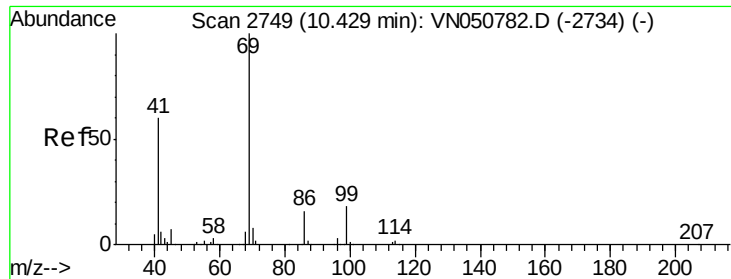
1000

0

10.10 10.15 10.20

Time-->





#56

Ethyl methacrylate

Concen: 2.51 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

BU-02-083018

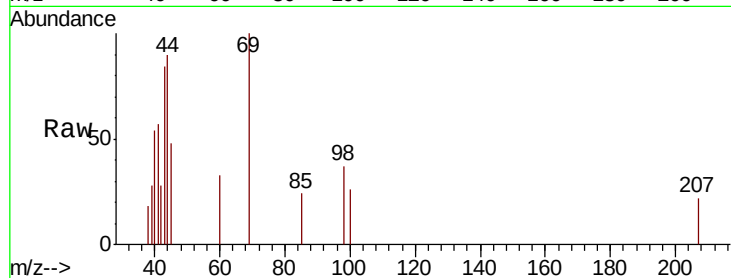
Tot Ion: 69 Resp: 1636

Ion Ratio Lower Upper

69 100

41 38.6 48.3 72.5#

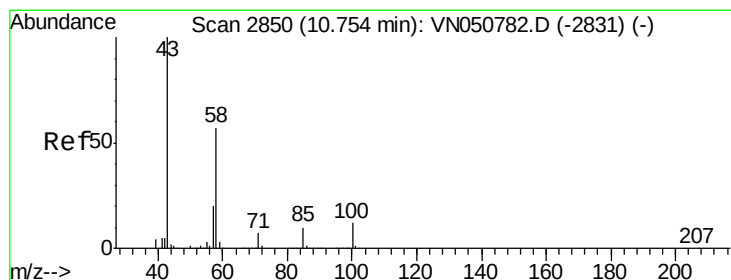
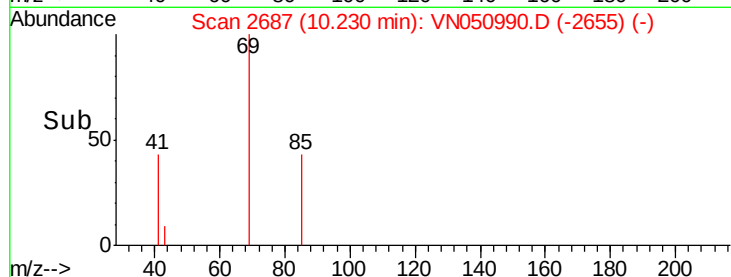
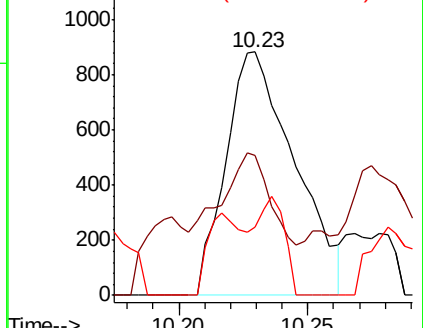
39 16.6 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.66 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050990.D

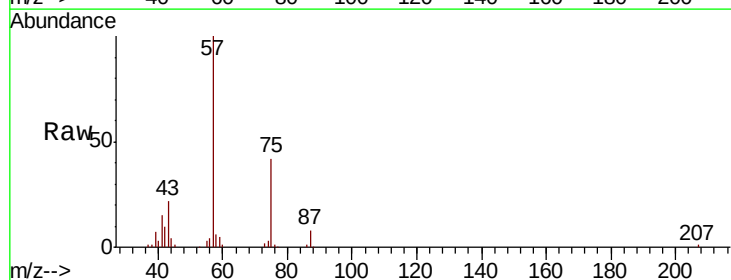
Acq: 31 Aug 2018 16:04

Tgt Ion: 43 Resp: 15802

Ion Ratio Lower Upper

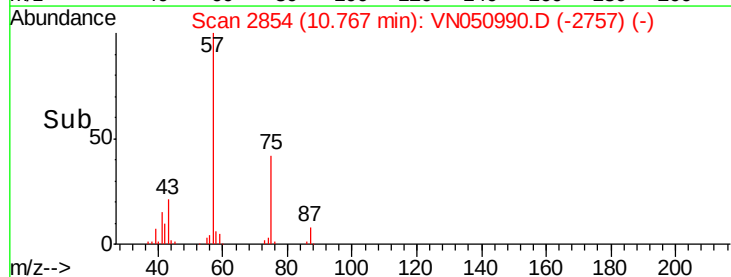
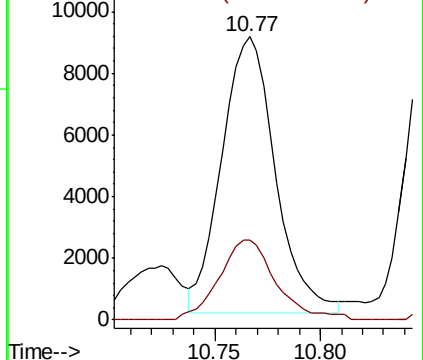
43 100

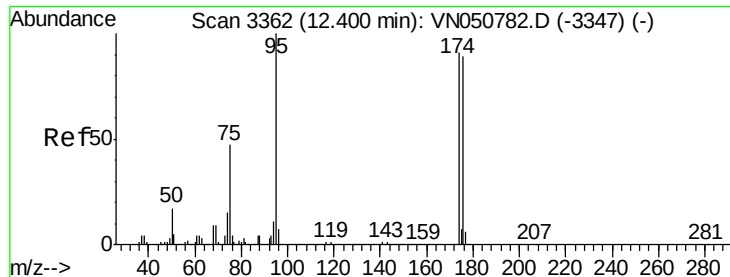
58 30.9 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

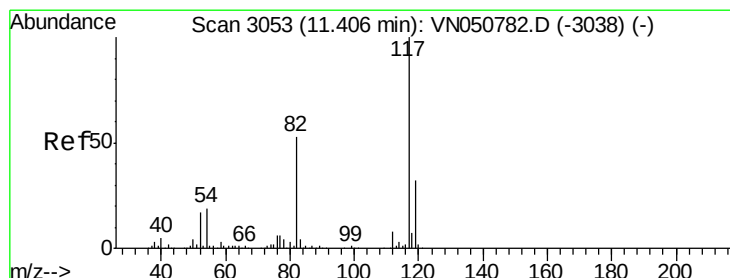
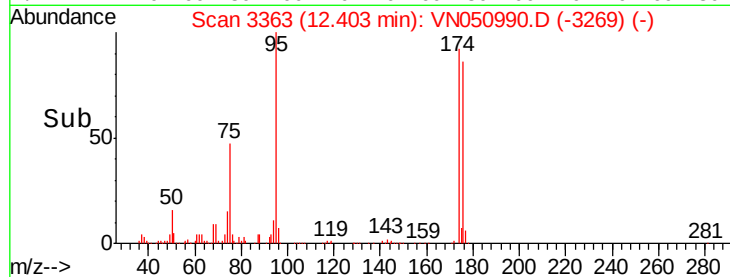
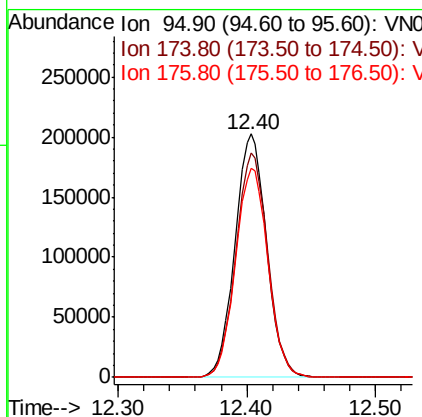
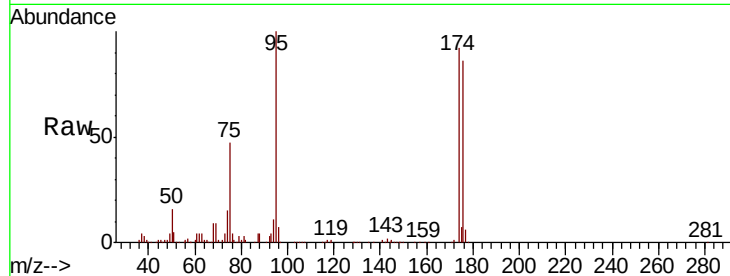




#62
 4-Bromofluorobenzene
 Concen: 37.24 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

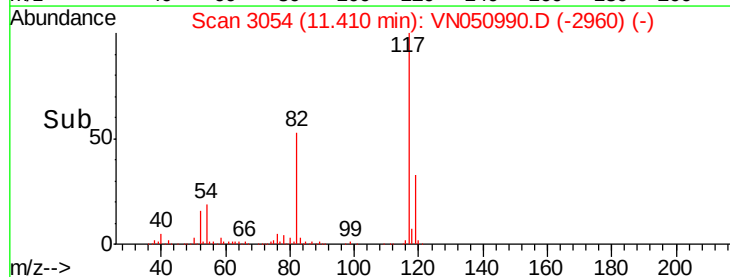
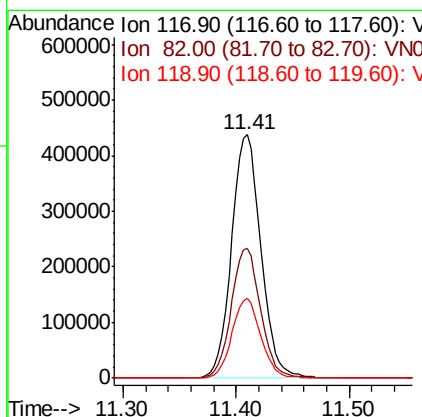
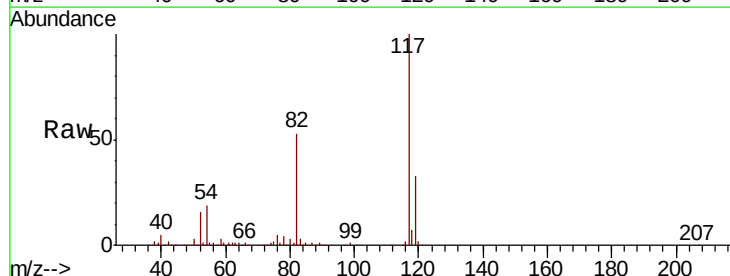
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

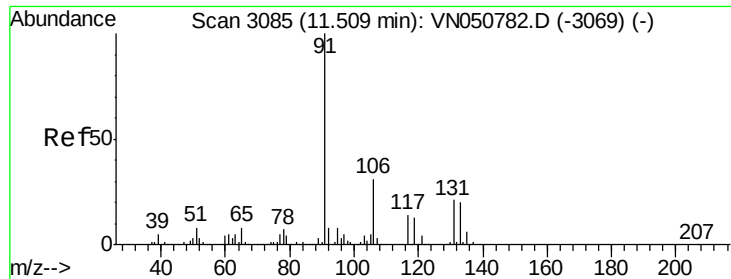
Tot Ion	95	Resp	343578
Ion Ratio	Lower	Upper	
95	100		
174	93.7	0.0	183.0
176	88.5	0.0	178.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion	117	Resp	790986
Ion Ratio	Lower	Upper	
117	100		
82	53.4	42.6	64.0
119	32.6	25.8	38.6





#67

Ethyl Benzene

Concen: 0.47 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

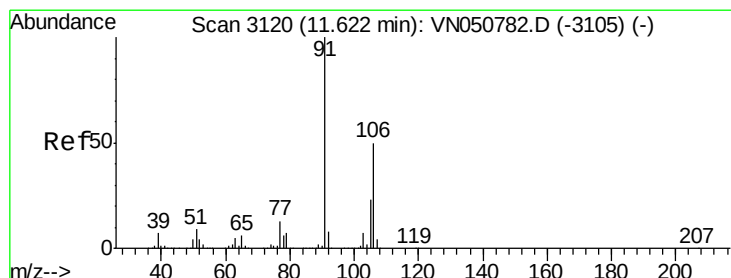
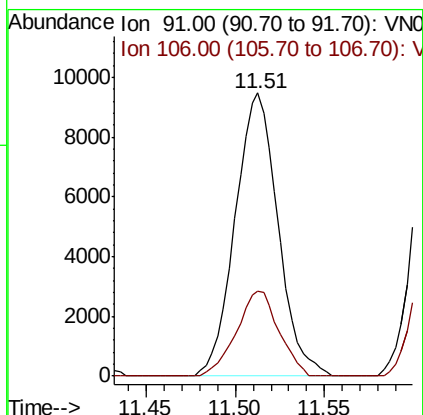
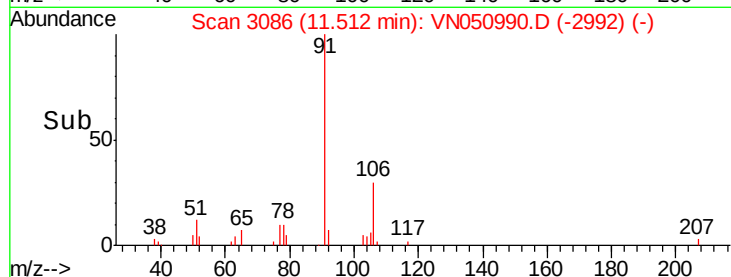
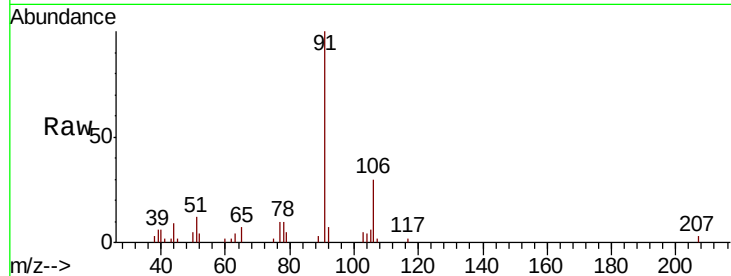
BU-02-083018

Tot Ion: 91 Resp: 15891

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



#68

m/p-Xylenes

Concen: 1.31 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050990.D

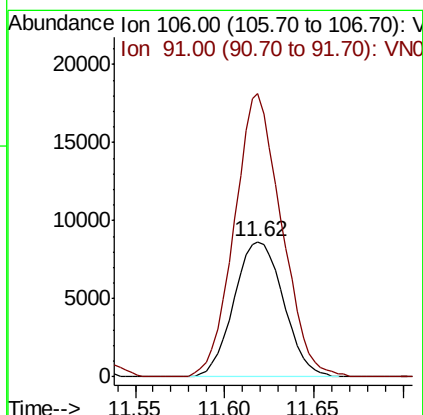
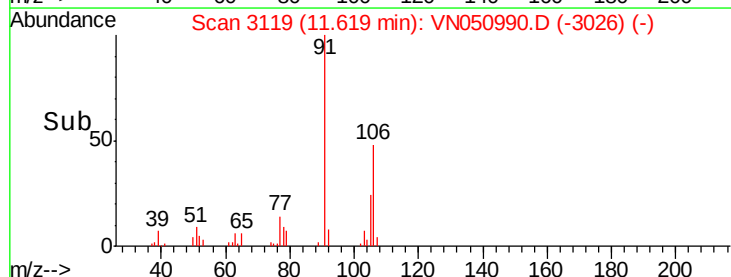
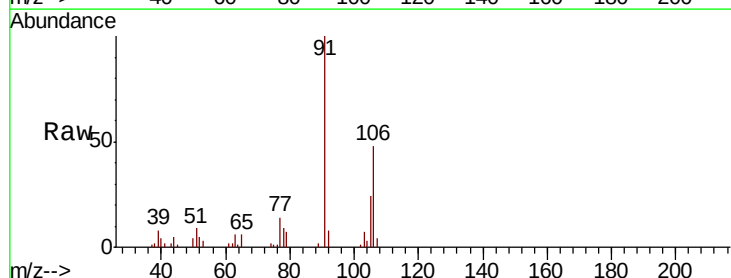
Acq: 31 Aug 2018 16:04

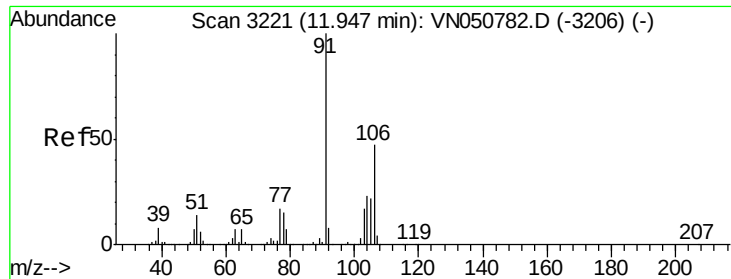
Tgt Ion: 106 Resp: 16722

Ion Ratio Lower Upper

106 100

91 199.3 161.0 241.6

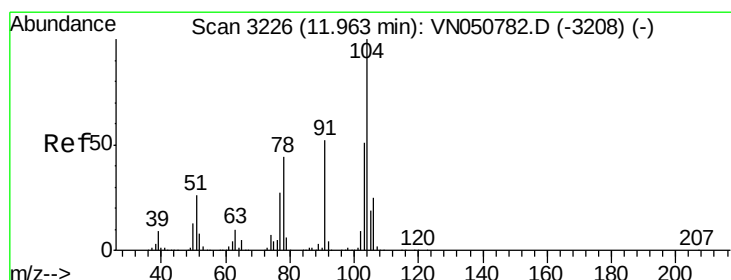
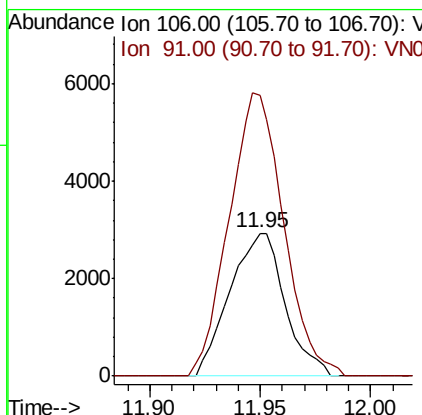
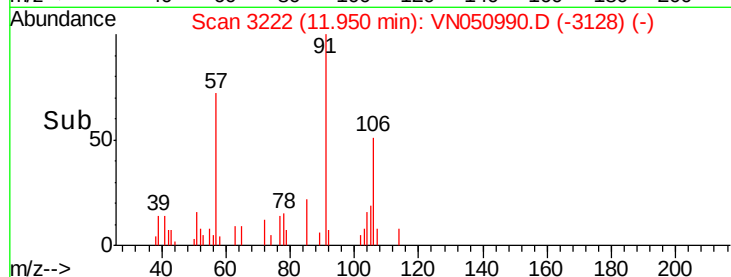
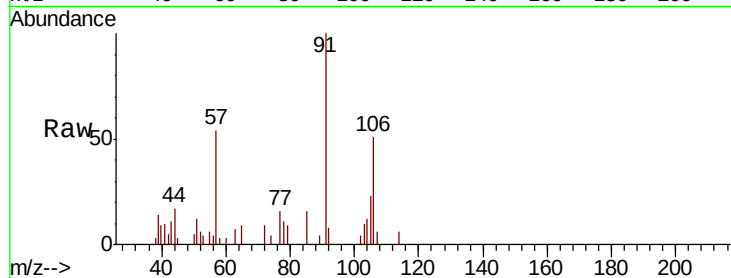




#69
o-Xylene
Concen: 0.42 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

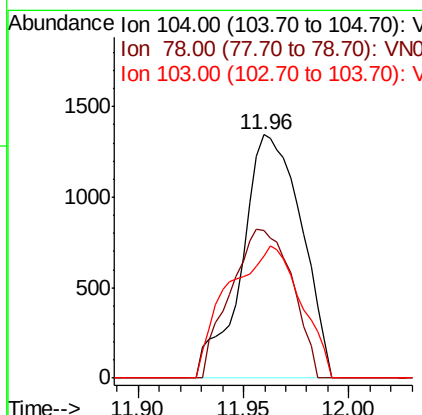
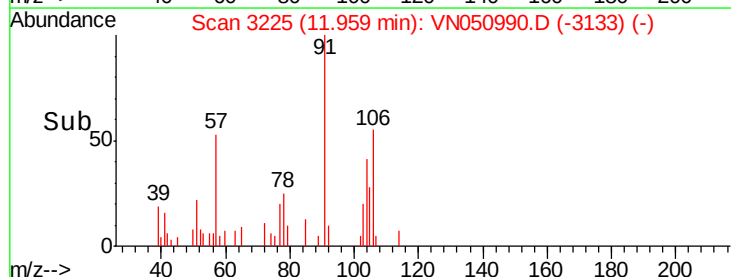
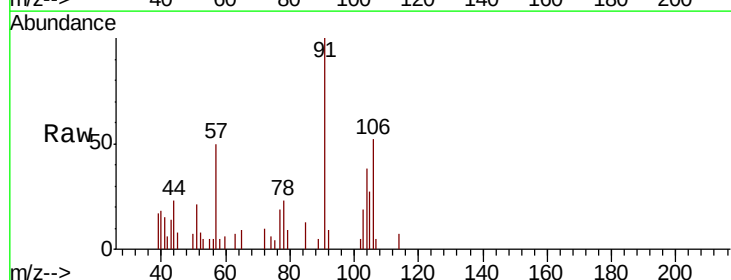
Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

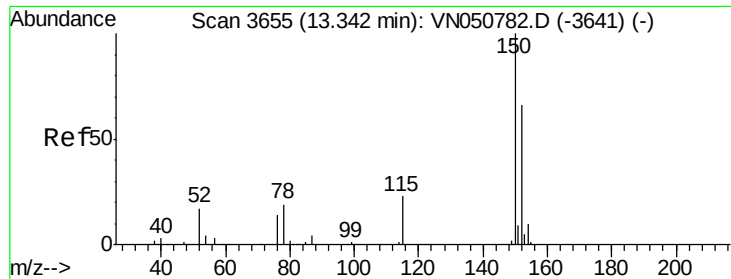
Tot Ion:106 Resp: 5094
Ion Ratio Lower Upper
106 100
91 195.6 106.5 319.5



#70
Styrene
Concen: 1.39 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion:104 Resp: 2639
Ion Ratio Lower Upper
104 100
78 63.2 38.2 57.4#
103 66.2 44.4 66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

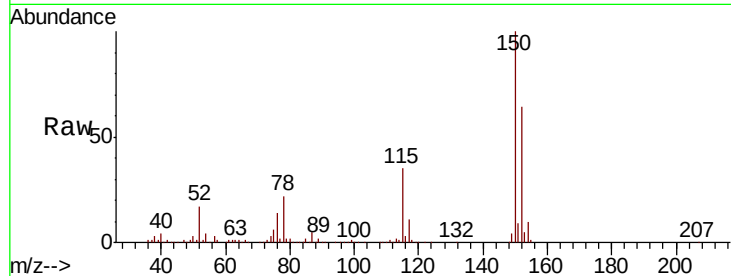
Tot Ion:152 Resp: 272963

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

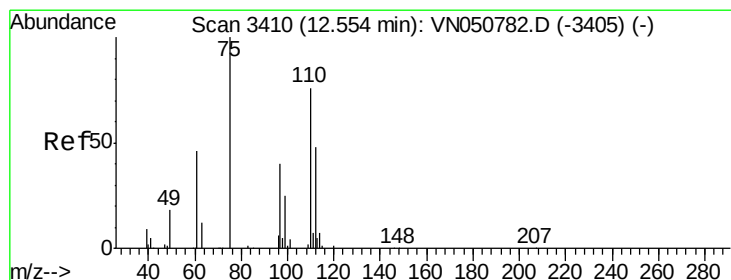
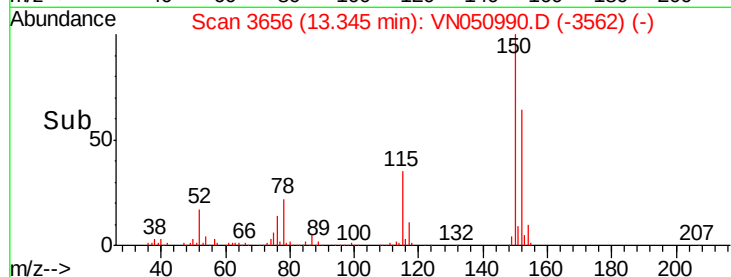
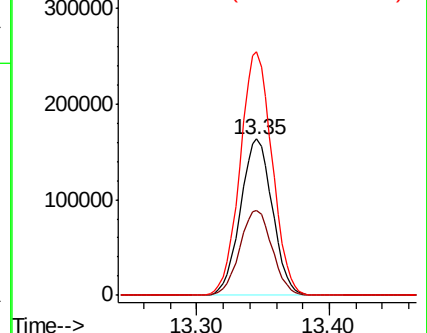
150 156.2 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050990.D

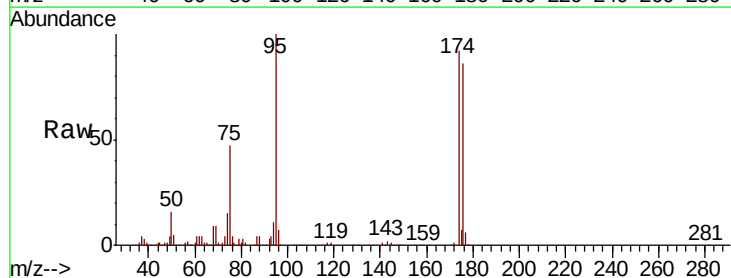
Acq: 31 Aug 2018 16:04

Tgt Ion: 75 Resp: 160621

Ion Ratio Lower Upper

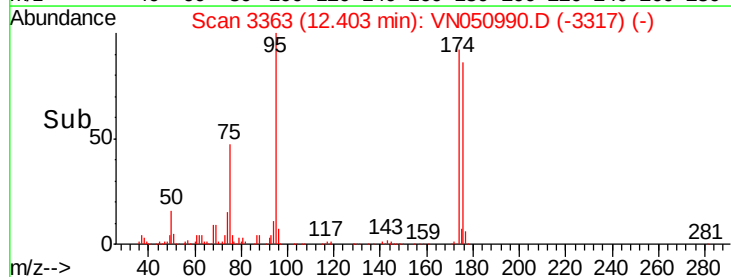
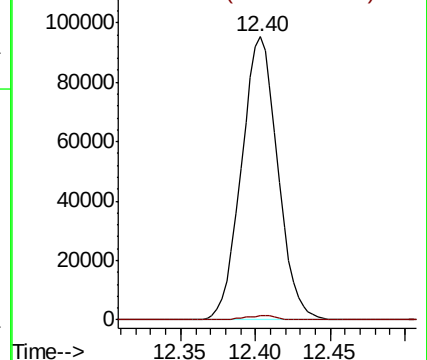
75 100

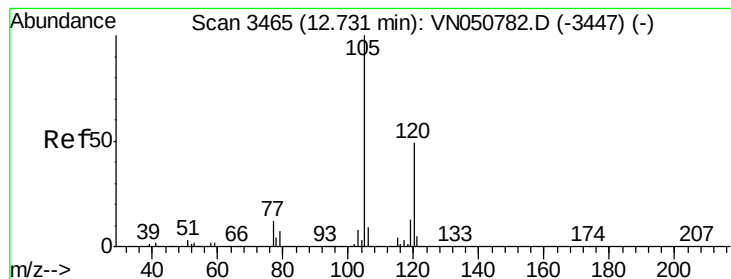
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

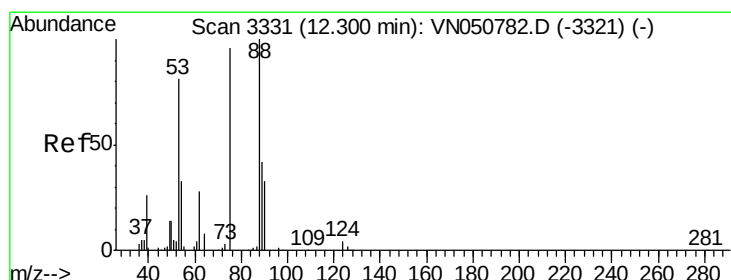
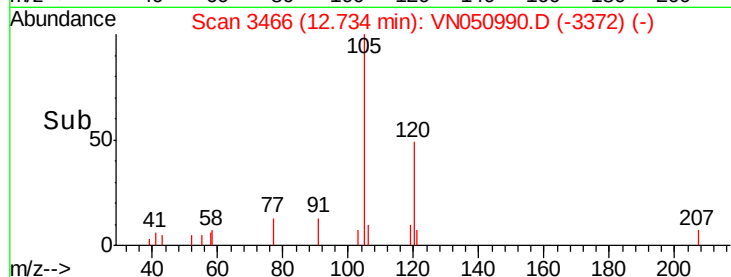
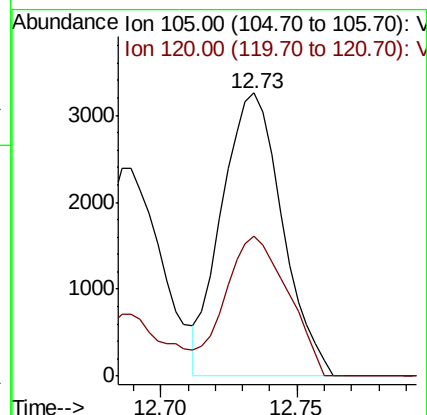
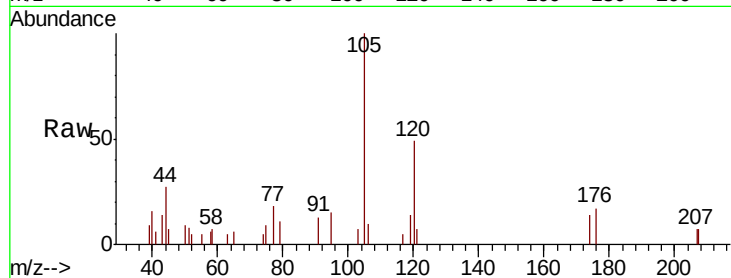
BU-02-083018

Tot Ion:105 Resp: 5026

Ion Ratio Lower Upper

105 100

120 51.6 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

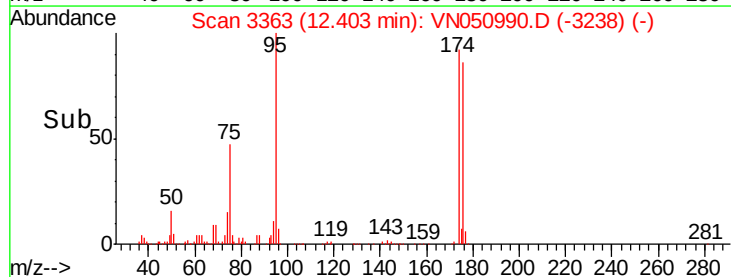
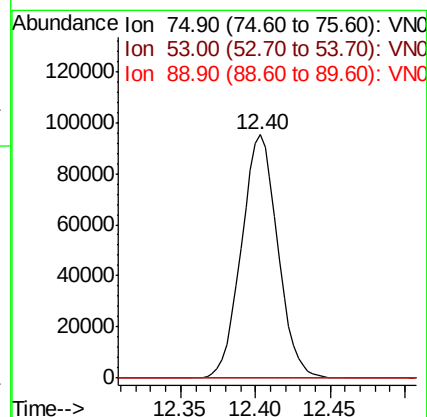
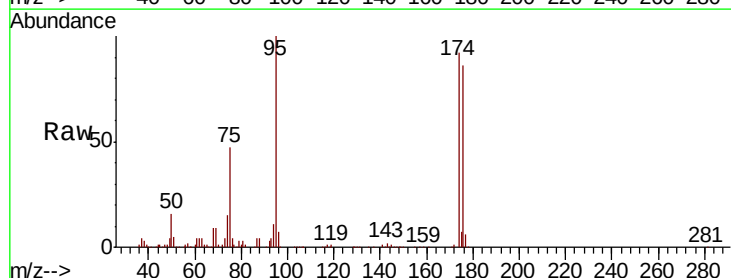
Tgt Ion: 75 Resp: 160621

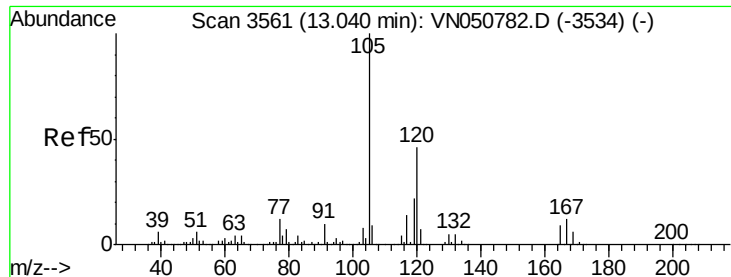
Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

89 0.0 36.1 54.1#

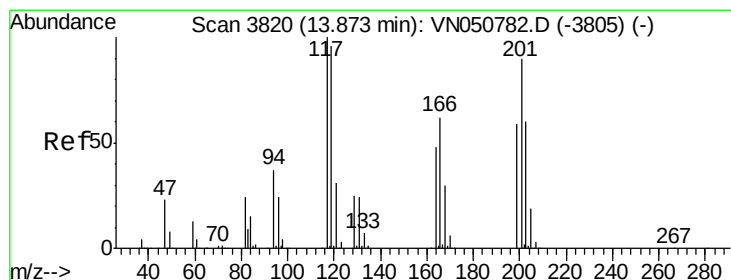
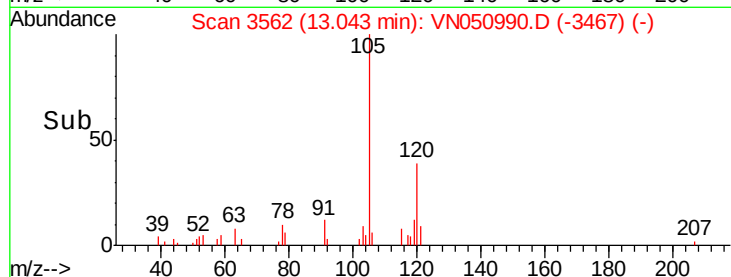
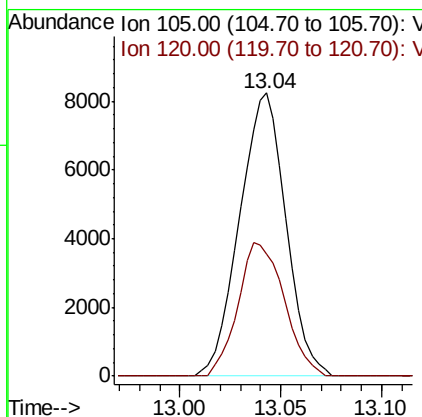
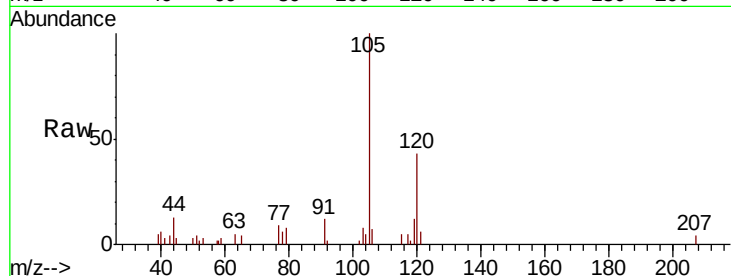




#84
 1,2,4-Trimethylbenzene
 Concen: 0.72 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

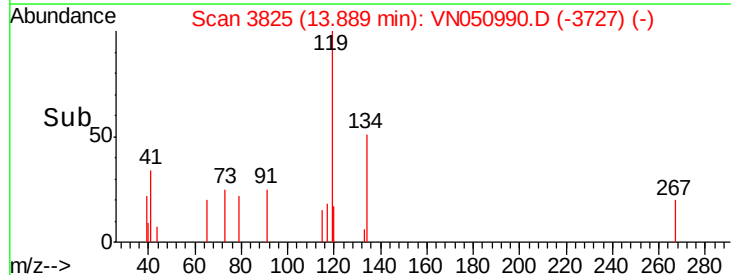
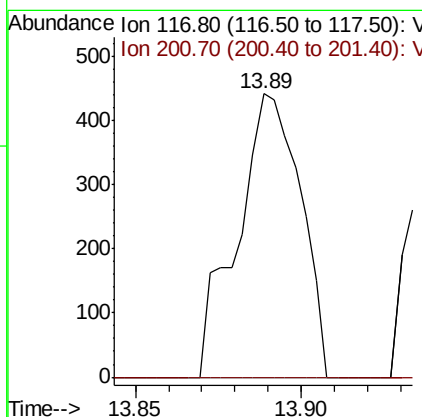
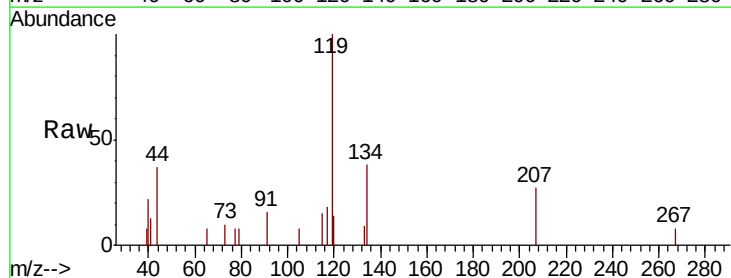
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

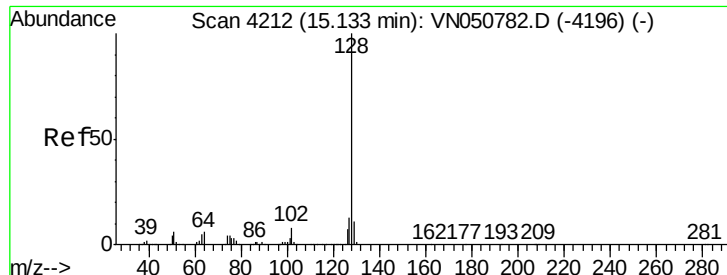
Tot Ion:105 Resp: 13236
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.8



#90
 Hexachloroethane
 Concen: 0.36 ug/l
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.02 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion:117 Resp: 589
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.0 137.8#





#95

Naphthalene

Concen: 7.29 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

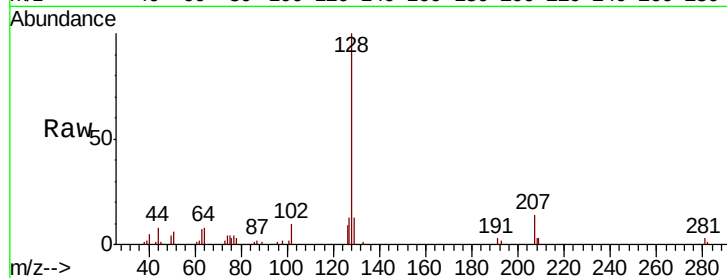
Tot Ion:128 Resp: 23166

Ion Ratio Lower Upper

128 100

127 9.2 10.5 15.7#

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

